Abstract

A system manageable for peer to peer communication between subscribers, the system comprising: a) a subscriber end digital communication management device for managing digital communications with remote subscribers, the device comprising: an internal interface for interfacing with at least one subscriber electronic device, an IP address manager for formulating a request for an IP address corresponding to a user defined remote subscriber, submitting said request and recording a response thereto, and a packet addresser, associated with said IP address manager, for addressing data packets to said user defined remote subscriber using an IP address taken from said recorded response, and b) an Internet connection management device for receiving and processing said request, said device comprising: a database for storing user identification names of said subscribers in a first field and respective assigned user IP addresses in a second field, a database manager for determining assigned user IP addresses of ones of said subscribers currently connected and dynamically updating said second field therewith, and a request manager for receiving external requests specifying at least one user identification request, interrogating said database and responding with respective IP addresses, thereby to provide peer to peer connections between said subscribers and end to end transaction data for billing.